

# A5 - Sample Footing Detail

## TYPICAL TYPE V RESIDENTIAL CONSTRUCTION

THIS DRAWING DEPICTS MINIMUM CODE REQUIREMENTS PER CRC INFORMATION IS FOR REFERENCE ONLY AND IS NOT A SUBSTITUTE FOR ACCURATE DRAWINGS PREPARED FOR EACH PROPOSED CONSTRUCTION PROJECT.

**WALL CONSTRUCTION:** 2X STUDS @ 16" O.C. W/ 3/8" MIN. PLYWD. NAILED W/ 8D OR 10D @ 6" O.C. AT ALL EDGES, AND 12" O.C. FIELD. BLOCK ALL EDGES.

**VENTING:** PROVIDE UNDERFLOOR VENTING. SEE SHEET A3.

**FOUNDATION PLATE:** CRC R317  
2X MIN. PRESSURE TREATED WOOD W/ 1/2" OR 3/4" DIA. A.B. W/ 3 X 3 X 1/2" SQ. WASHER @ 4' OR 6' O.C. MAX. WITHIN 4" TO 12" FROM END OF PLATE & (2) MIN.

**REINFORCING:** CRC R403.1.3  
#4 REBAR CENTERED IN STEM 3" FROM TOP & BOTTOM. WHERE STEM EXCEEDS 24" PROVIDE VERTICAL & HORIZONTAL REINFORCING AT 18" O.C. PLUS #4 VERTS. @ 18" O.C. RECOMMENDED.

FINISH GRADE

UNDISTURBED GRADE

8" CLR. TO NON-P.T. WOOD OR SHTG.

8" CLR. TO SIDING

12" MIN. - 24" MIN. IF CLAY (OR PER SOILS REPORT)

6" OR 8" MIN.

12" or 18" min

**STEM WALL:** PROVIDE 7 1/2" MIN. THICK REINF. STEM WALL. (6" MAY BE ALLOWED IF ENGINEERED)

**GIRDER SUPPORT:** CRC R502.9 PROVIDE 4X MIN. POST W/ SHEET METAL POST CAP & BASE TO P.T. PLATE. SPLICE GIRDERS CENTERED DIRECTLY OVER POSTS WITH SHT. MTL. SPLICE TYPE POST CAP.

12" MIN. OR P.T.

18" MIN. OR P.T.

6" (or 8" if not P.T.)

**SPREAD FOOTING:** 16" X 16" MIN. CONCRETE PAD. FOOTING SPACING SHALL NOT EXCEED 6' O.C.. JOIST SPAN NOT TO EXCEED 12'.

**MODIFIED CRC TABLE R403.1 FOOTINGS SUPPORTING WALLS OF LIGHT-FRAME CONSTRUCTION (a) (b) (c) (d) (e)**

NUMBER OF FLOORS SUPPORTED BY FOUNDATION (e)	WIDTH OF FOOTING	THICKNESS OF FOOTING	DEPTH BELOW UNDISTURBED GROUND SURFACE
1	12"	6"	12" OR PER SOILS ENGR.
2	15"	6"	12" OR PER SOILS ENGR.
3	23"	8"	12" OR PER SOILS ENGR.



Provide consistent Title Block on all sheets. Leave margin on all sides.

This scale is for example only. Use 3/4" or 1" or 1 1/2" = 1'-0". Typical min. sheet size is 11" x 17"

NAME, ADDRESS AND PHONE NO. OF DESIGNER  
XXX XXX XXX XXX  
XXX XXX XXX XXX

WET SIGNATURE OF DESIGNER ON EACH SHEET  
(AND PROFESSIONAL STAMP IF APPLICABLE)

**EXAMPLE RESIDENCE**

**FOOTING DET.**

SAMPLE DRAWING

SCALE: 1" = 1'-0"

DATE:

SHEET NO.

**A5**